DXCC OR WAZ

SO. CALIF DX CLUB

Bulletin

August 1982

President: Jim Stevenson, KM6B □ Vice President: Neil Kaltman, K6SMF
Treasurer: Don Moses, W6UY □ Secretary: Joe Locascio, K5KT
Directors: Tom Hoyne, N6NI; Lee Graves, WB6VTE; Jan Perkins, N6AW;
Bob Cobb, W6CN (membership); Mike Hudgens, W6YQ (bulletin)

Next meeting: Thursday, August 12 at 7:30 PM in the DWP Cafeteria, 111 Hope Street

Russ Andrews, K6BMG, an authority on the subject of hunting hidden transmitters, will show us some of the finer points of DFing.

TRAINING AT BY1PK—Here's a recent shot of the station a multitude listens for each day, and one of the students (seated) who has been taking instruction there. The name of his teacher, according to our translator, is Cho Hai In.

—Wuxiandian photo

DX news highlights

Albania...The money's on the EAs, but *when* is anybody's guess. Last word was August 27-31, and before that it was August 8-10. According to *QRZ DX*, no 40-meter work will be permitted, but they're supposed to be on 80, 20, 15 and 10, with as much CW and SSB as possible.

C9...One week of heavy operation from Mozambique shaping up for late August by OH2BNL and OH2MM, who are there on a UN mission. KLM antennas are to be used.

Heard Island: *Amateur Radio* of Australia says **VK0HI** is going to be the call sign of the 1983 DXpedition.

ARRL phone band expansion reply

80, 20, 15 and 10 would be widened

By Stan Brokl, N2YQ

The ARRL Board of Directors, meeting in Cedar Rapids, Iowa, voted July 21 to adopt a position for 20-meter phone band expansion in accordance with a previous ARRL petition: 14150-175 for Extra Class only, 14175-200 Advanced and Extra, and 14225-350 for General, Advanced and Extra.

In addition, the phone band expansion docket, 82-83, had an inquiry as to further HF phone band expansion. The ARRL board adopted the following recommendations to answer this inquiry.

Expand 80-meter phone privileges as follows: 3750-3775 Extra only; 3775-3850 Advanced and Extra; 3850-4000 General, Advanced and Extra.

No change to the 40-meter phone band was recommended.

Expansion to 15 meters would move Extras down to 21200-225, with Advanced and Extra 21225-300, General, Advanced and Extra on 21300-450.

On 10 meters, all classes would gain 200 KHz: General, Advanced and Extra would have phone privileges from 28300 to 29700.

According to Hal Steinman at ARRL Headquarters, September QST will have full details.

Tromelin: FR7CG said to be opening up from there August 1-September 1 using SSB and CW.

TJ by Karl, **K4YT**, starting August 5 for about a week. QSL W2TK.

Continued on page 3

Sprint logs still arriving

Results are still coming in from the Second Annual SCDXC Summer Sprint, and the results will be published next month.

Conditions were somewhat disappointing, but good openings to Europe/USSR were observed Friday on 15 meters before sunset and Saturday on 20 meters after Sunset.

Send your log to Jan Perkins, N6AW, 11942 Bos, Cerritos, CA 90701

Minutes of the last meeting

By Joe Locascio, K5KT
Secretary

The Annual Pizza Bash, held July 8 at Shakey's in North Hollywood, was a great success and many of those among the 91 in attendance asked why we don't have this sort of meeting more often.

Well, why not? The food was good and a real bargain at $5, which included one raffle ticket.

There was no formal program but a couple of announcements were made:

WA6LOD will be DXpeditioning from KH2 (KG6 to oldtimers) July 10-August 20. All bands, SSB and CW (what's that?), and possibly even some RTTY.

Alan, W6RCL, reports he now has 13 callbooks and 3 handbooks to be shipped to India. There's still time if anyone has anything more.

Finally, the raffle: Second Ops went to N6DHV, W6TOG, NI6U and N6BVV; beam heading charts to N6NNV, N6DHV, WN6CND, KB6WI, W6SP and KB6V; QSL holders to K6QH and N6DKZ; an ARRL *Antenna Book* to KB6WI; an *RFI Handbook* to N6DKZ; two copies of the *80-Meter DX Handbook* to WA6TOZ and N6IC; a Hi-Q balun to N6IC; two Yaesu YH-55 headsets to N6DKZ and K6FG; an AEA MT-1 keyer to K6SMF; an AEA Isopole to N6IC; a $50 gift certificate to NI6U; and the grand prize, an Icom IC2AT, was won by K6RIR.

A suggestion

When malicious interference occurs on the SCDXC repeater, times and dates should be logged, along with a description of the nature of the interference. A tape recording, although it cannot be used as evidence, is an excellent means of recalling just what did happen on a certain date perhaps as much as two years earlier. But remember, accurate times and dates are essential.

Vote at upcoming meeting on charter members becoming honorary life members

It was proposed at the last board meeting that those who were responsible for bringing the Southern California DX Club into existence in 1949 be made honorary life members.

Of the original 39, the following are present and/or accounted for (New call signs are not known in several cases, however).

W6AM, Don C. Wallace; W6AOA, Frank Cuevas; W6ADP, Glen Means; W6BA, ex-W6ANN, Bill Adams; K6TX, Byron Gutheil; W6SYG, Frank Newton; W6QJU, Bob Martin; W6PUZ, Don Roberts; W6NNV, Norm Wasson; W6JZP, Don Jackson; W6DUC, Vic Peterson; W6RLN, K.C. Jones; W6SRF, Russ Davis; W6BXL, Charles Bailey; W6GFE, Homer Biedebach; W6EE, Warren Davis; W6UCX, John Linden; W6FSJ, Wendell Pierce; W6BPD, Dick Grove; W6TZD, Gene Dvorak; W6PQT, Mac McKnight; W6CYI, Jud Mills; W6RW, Roger Mace; W6SAI, Bill Orr; W6ID, Vaughn Parry; W6PUY, Gene Real; W6DLY, Guy Martin; W6EA, Art Enochson; W6UHA, Maxine Willis; W6ENV, Andy Elsner; W6LEE, Bob Truk; W6HX, Ted Gillette; W6RR, Gordon Marshall.

New members

KA6ISX, Chris Conner (full), 6002 Stonehurst Plaza, Yorba Linda 92686

AB6V, Bob Creiman (assoc), 13509 Montague, Arleta 91331

KB6WI, Norm Simpkins (assoc), 17260 Prairie, Northridge 91325

—W6CN

State of the bands

With shorter nights have come shorter openings. Signals are there, but often can be heard only during the peak hours. Remember, everything is the same as the winter openings, just later.

Although 10 meters has been poor, it still holds a few surprises. Check the band after major sunspot activity when the A-index rises to a high level and then falls (referred to hereafter as a *zap*). Around 15-16z, Europeans occasionally are heard to the east with the propagation path moving north during the next half hour or so. Africans can be heard at the same time but won't peak for another two to three hours. South America is heard from 14z and gets stronger until 22z. The JAs have good signals at 23z, with an occasional Indonesian being copied about

Continued on page 4

Activity reports

K6YRA: **VK9ZA** (Willis) 14220 at 1412z, **C31YQ** 21251 1639, **4Z4DX** 21295 2316, **EA8AK** 21293 2334—all on July 4; **OH0BH** 14232 0413, **VE1SPI** 7206 0555 and 3805 0617, **EA8OZ** 3797 0620—July 11; **VK9YB** (Cocos) 14195 1441 and **3B8FL** 14212 1444 on July 12; **TI9FAG** 7180 0319 and **CP6EL** 3795 0506 on July 16; **FR0FLO** 7079 1357, **VQ9XX** 14202 1410, **9U5JM** 21276 1805 on July 18; **3D2DX** 3795 1309 and 7087 1312 on July 20; **VK0DX** 14205 1354 and **JY9RC** 14223 1424 on July 21; **9M8PW** 7086 1331 on July 25 w/QSLs to G4DXC.

KM6B: **VK0AN** 7091 0940 on July 6; **HS1AMH** 7083 1314 on July 11; **EA8TH** 7092 0721, **KA3BJJ/8R1** 7156 0752, **CX8CX** 7155 0814m **TI9VVR** 7155 0825—all on July 16; **VS5HG** 14208 1619 and **XZ9A** 14208 1619 on July 19; **4S7EA** 14209 1251 and **3B8FL** 14245 1417 on July 20; **JT6UR** 14222 1414 on July 21 (QSL to Box 844); **YB0BQR** 7064 1351 on July 22.

W6RT: **3B9CD** 7003 0218 and **3B8CF** 7005 0307 on July 2; **T30AT** 7004 0608 (QSL G3XZF) on July 3; **ZS6BCZ** 7006 0437 July 7; **VE1SPI** 7002 0516, **3D2DX** 7004 0549, July 10; **N5RM/KH0** 7004 1314, **UK0AMM** 7001 1322, **AH2G** 7003 1413 July 11; **VK9YB** 14195 1443 (QSL KB9UV) July 12; **VQ9XX** 7002 1315 (QSL K6OZL) July 13; **TI9VVR** 7180 0507 (QSL TI2VVR), **9V1TL** 7002 1310 July 17; **AH2G** 3504 1251, **GU5EIX** 21015 1530 (QSL ON6YH) on July 21; **VU2MDM** 7010 1317 July 23; **FR7CA** 7008 1408, **FR7BP** 7003 1451 (QSL W0AX) July 25; **VK9ZA** 14212 1505, **YB1AEE** 7007 1422 July 26; **FR7CE** 7006 1325, **DU6HM** 7010 1505 on July 27.

Contest calendar

August 7-8	**Romanian**
August 14-15	**European CW**
August 14-15	**SEANET Phone**
August 28-29	**All Asian CW**
September 5	**Bulgarian CW**
September 11-12	**European Phone**
September 18-19	**Scandinavian CW**
September 19	**CW Sprint**
September 25-26	**Scandinavian Phone**
September 26	**SSB Sprint**
October 2-3	**VK/ZL/Oceania Phone**
October 9-10	**VK/ZL/Oceania CW**
October 10	**RSGB 21/28 MHz Phone**
October 17	**RSGB 21 MHz CW**
October 30-31	**CQ WW DX Phone**
November 27-28	**CQ WW DX CW**

—W1WY

DX news highlights

Continued from Page 1

Cycle 21 minimum, according to NASA, will occur between December 1987 and January 1988.

African tour: *LIDXB gives* **W4MGM**'s schedule as follows: /**3B8** Aug. 3-8, **S79ARB** Aug. 8-11, **5Z4CZ** Aug. 12-14. QSL **WA4VDE.**

YI1BGD is reported by *QRZ DX* as showing up in the Arabian Knights Net. **JY3ZH** conducts the net Fridays at 05z on 14250.

OJ0 August 2 by **K5KG,** fresh from OH0.

DJ0LC/HB0 14019 at 0530...**TL8ER** 14004 at 2115...**TR8CR** 14080 0700...**ZL4OY/A** 14201 0450.

North Korea, P51PY, being reported in late July on 14038 at 1525. He says he's for real. Do you believe it?

JT1KM 14045 1425...**ON6BC/ST4** 14025 2340...**VQ9XX** at various times, including 21025 at 1510...**9J2BO** 14017 1413...**FB8WG** 14035 1305.

D44BC 21255 1900...**TR8IG** 28010 1400 daily with cards to Box 740, Libreville.

9M8 by Jim, **VK9NS,** and Kirsti, **VK9NL,** opening August 13. QSL VK9NS.

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Published monthly by the Southern California DX Club.

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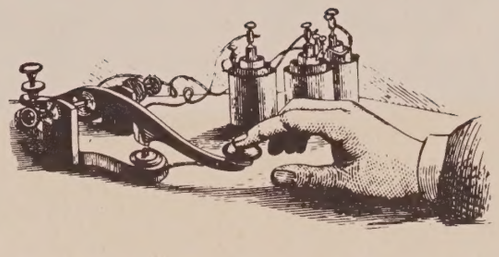


The long and the short of it

By Jan Perkins, N6AW

A question frequently raised by newcomers to the Southern California area is: *What direction is long path from W6?*

Although most locals would answer, "Two hundred degrees for Europe and Central Asia and 250 degrees for Africa," the answer is not that straightforward.

On 10-meter long path in the spring (at 05-07z), the ZSs often peak straight south when the band opens. After 15 or 20 minutes the propagation changes, and they move from 180 around to 270 degrees.

The Europeans also can peak straight south at first, and later at 210 degrees. Usually only W6s with long booms or high forward gain antennas notice the European path change. Over a three-month period in the spring of 1981, in the 15-16z time period, I would work VUs at 45 degrees, 120 degrees, 225 degrees and 330 degrees. Some unusually crooked paths to Zone 22 can occur.

On 20 meters, the Europeans are usually at 200 degrees 14 to 16z, switching to short path—20 degrees—shortly thereafter. The VUs will peak over ZL (at 225 degrees) early on; and after an hour or so they will shift to their short path at 330 degrees. This is normal behavior for VU, 4S7 and 8Q7 long path in winter.

About 23z, Southeast Asia will peak over South America—at about 125 degrees. My first XW8 was on this path. VK6RU will also knock the house down for an hour or so at this time and bearing.

Openings on 40 meters are almost identical to those on 20, except that the signals are somewhat weaker. This is usually due to the fact that more basic antennas are used on 40.

Finally, 80-meter long path to Europe, for those with discriminating antennas, normally occurs at sunrise here and at 200 degrees or so. On rare occasions, the signals will follow the gray line and peak over Indonesia (at 300 degrees), as observed at W6AM's ranch.

A good rule of thumb: If everyone seems to be working a station except you, watch the S-meter and move your antenna around. You might be surprised.

SCDXC activities

August 12: Regular meeting, 7:30 PM, DWP cafeteria: The fine art of fox hunting (DFing hidden transmitters, that is).

September 9: Regular meeting, 7:30 PM, DWP cafeteria: DXing on RTTY.

October 14: Club auction: bring items to sell. There will be a 10% surcharge, which will go to the repeater fund. The time and location will be announced.

November 4: Regular meeting, *first* Thursday of the month, this month only; 7:30 PM, DWP cafeteria: Jon Gallo, KB6WT, is going to discuss legal issues that pertain to amateur radio.

December: the annual Christmas party will be held at the Proud Bird Restaurant with Wayne Gingrich, W6EUF, giving a presentation on his Scandinavian travels and, in particular, his Aland DXpedition.

January 13, 1983: Regular meeting, 7:30 PM, DWP cafeteria.

Club members on Honor Roll

Mixed

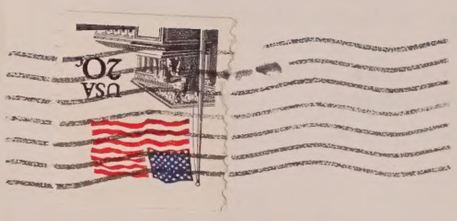
318: **W6AM** (365), **W6EE** (361), **W6BA** (359), **W6PT** (357), **W6RT** (357), **W6KZL** (356), **W6ET** (352), **JA1BK** (347), **K6EV** (346), **W6REH** (346), **W6EL** (345), **W6FW** (344), **OH2BH** (342), **N6AV** (341), **W6EUF** (339). 317: **W6RKP** (354), **W6KG** (351), **N6AR** (343), **K6YRA** (340), **K6QH** (339). 316: **N6GM** (341), **W7CB** (334). 315: **W6UQQ** (349), **W6YA** (343), **W6KZS** (339), **YV5BBU** (334). 314: **W6HX** (359), **W7AO** (352), **W6HFL** (342), **N6UC** (330). 313: **W6QNA** (345), **W6YMV** (340), **W6GC** (326). 312: **W6EJJ** (332). 311: **N6DX** (340), **N6CW** (331), **N6AW** (326), **W6AE** (326). 310: **N6RJ** (322). 309: **W6SN** (345), **W6UY** (321).

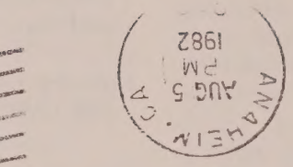
Phone

318: **W6AM** (363), **W6REH** (342), **W6EUF** (338). 317: **W6RKP** (348), **W6EL** (342). 316: **JA1BK** (343), **W6FW** (341). 315: **W6BAF** (347), **K6YRA** (338). 314: **W6HFL** (342), **N6AR** (334). 313: **W6PT** (340), **W6YMV** (339), **N6UC** (329). 311: **K6NA** (336). 309: **N6AW** (324).

CW

297: **W6PT** (301).





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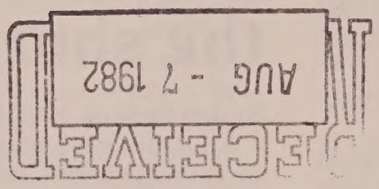

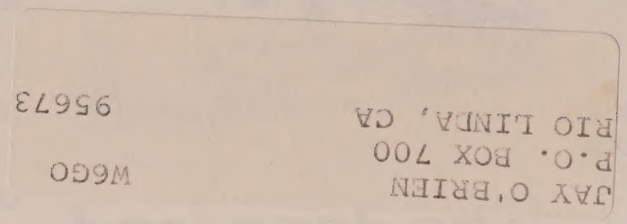

State of the bands

Continued from page 2

24z. The ZL/VK opening starts about the same time as well.

After 15z, 15 meters still has European openings but signals are down. Propagation is similar to 10 with a difference: more predictable openings. Following a zap, watch over the North Pole at 04-05z for Zones 17 and 21 in Central Asia. Both are frequently heard.

Good old 20 meters is often amazing. Europeans are worked almost every evening around 05z over the Pole and again at 14z. Long path is scarcer this time of year but the opening is usually there. Africa on the short path has been quite strong from 02-04z. They fade fast when their sun rises.

Lean compared to last year, 40 meters is holding up surprisingly well. K6UA, while anchored off Bangladesh in Zone 22, was worked several mornings around 1330z. Europeans are workable after 0330z evenings, but they're weak. South Americans have been very strong about 05z.

Of late, 80 meters has been noisy, but good signals from the Pacific are being copied at sunrise. Also, look for South America just after sunset.

N6AW

N4XX propagation

A, H, L, B, D—Above, High, Low, Below, Disturbed

6	H	13	B	20	B	27	H	1	H
7	L	14	L	21	D	28	H	2	H
8	L	15	B	22	B	29	L	3	L
9	B	16	L	23	B/D*	30	L	4	L
10	D	17	H/A	24	L	31	H	5	B
11	B	18	H	25	L				
12	B	19	L	26	H/L				

*Begins 54-day forecast

Classified

FEELING GUILTY because you haven't answered all those JA cards from last year's contests? Let N6DHV do it for you. Reasonable. Phone Paul at (213) 785-7340.

SINGLE CHANNEL 25-watt 2-meter tcvr w/PL on DX club frequency: $45. Have 4. Dick, W6ET 213/670-5486.

WANTED: Lightweight (i.e., guyed or side-supported) 40-foot crankup tower. Jim, AB6R (714) 995-8948 (home), (714) 732-9478 (work).

APARTMENT for DXer—beam included. 213/243-7306.

NO QUESTIONS ASKED: Please return the BY1PK QSL that was among those being passed around at the meeting before last. The card belongs to JA1BK and he is understandably concerned about getting it back. Slip it in an envelope and mail it to W6YQ, address on page 3.

40-METER MONOBANDER 3 elements, 40-foot boom, double wall elements and boom $395. Roger, W6RW.